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MISSION



NAWCTSD Is the principal Navy center for research, development, test and evaluation, acquisition and product support of training systems;

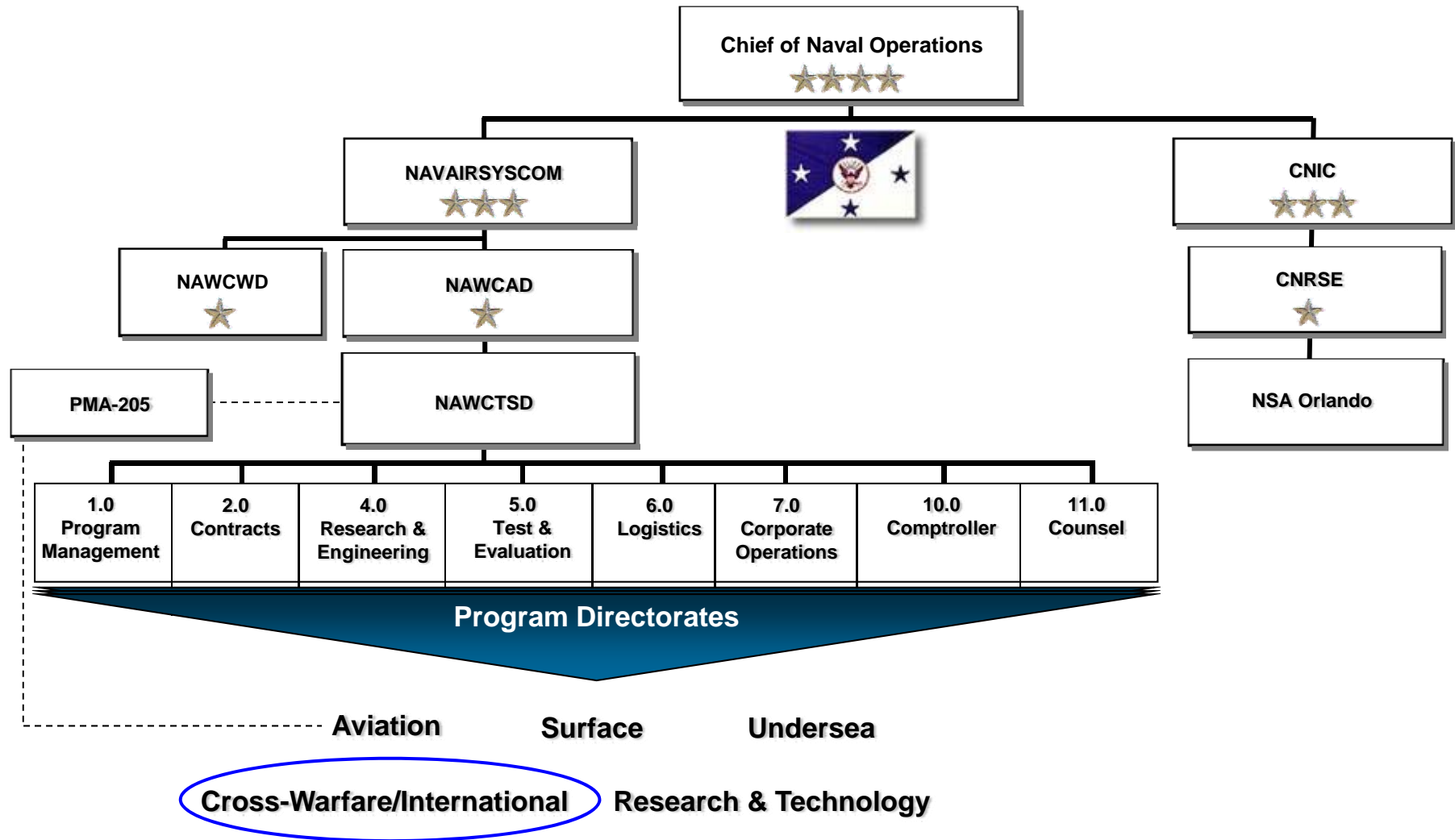
We provide Interservice coordination and training systems support for the Army and Air Force, and we perform such other functions and tasks as directed by higher authority.

(OPNAVNOTE 5450 - 8 Sep 93)

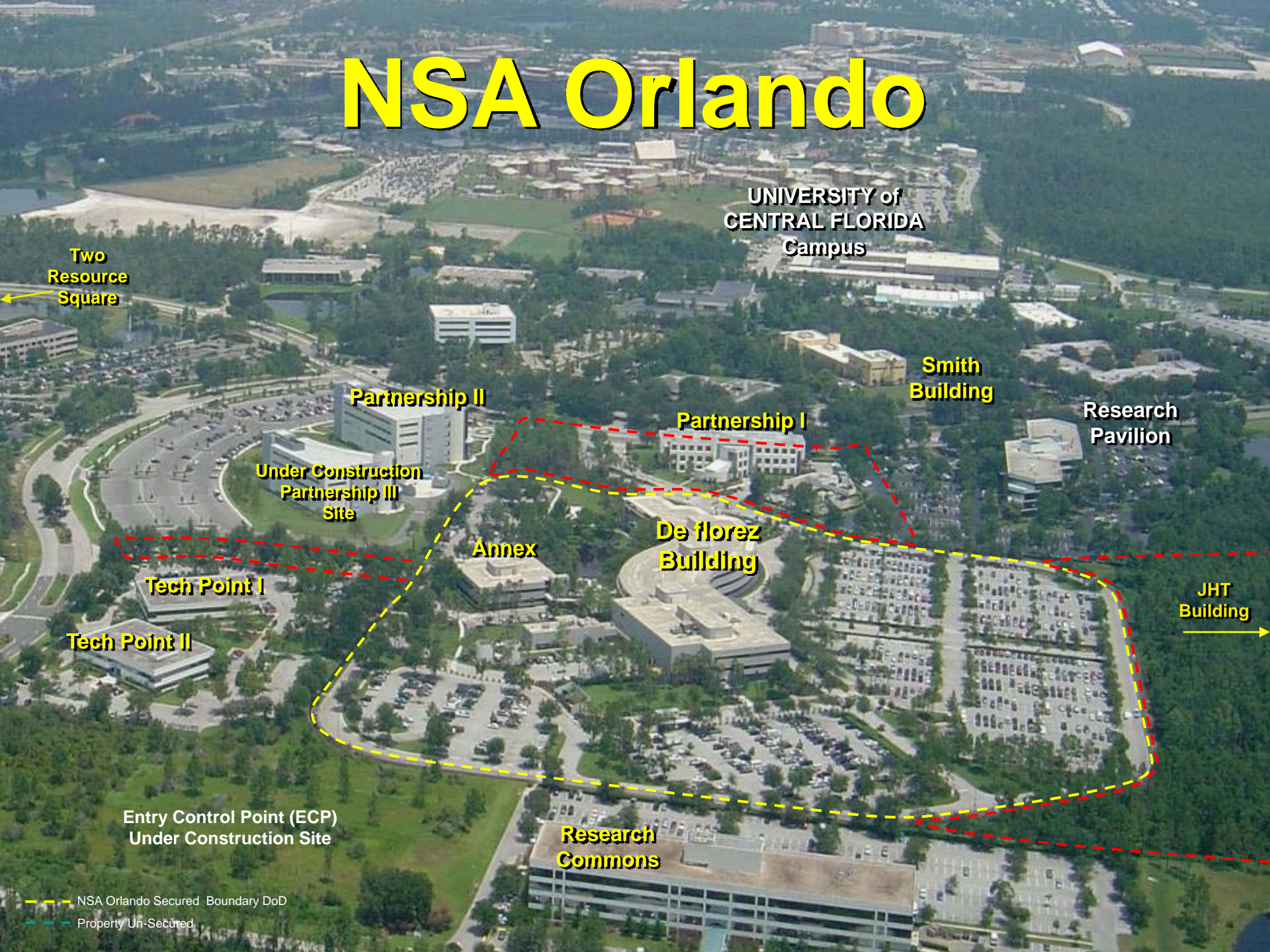


Percentages reflect our FY09 TOA Actuals

ORGANIZATION



NSA Orlando



UNIVERSITY of
CENTRAL FLORIDA
Campus

Two
Resource
Square

Smith
Building

Research
Pavilion

Partnership I

Partnership II

Under Construction
Partnership III
Site

De florez
Building

Annex

Tech Point I

Tech Point II

JHT
Building

Entry Control Point (ECP)
Under Construction Site

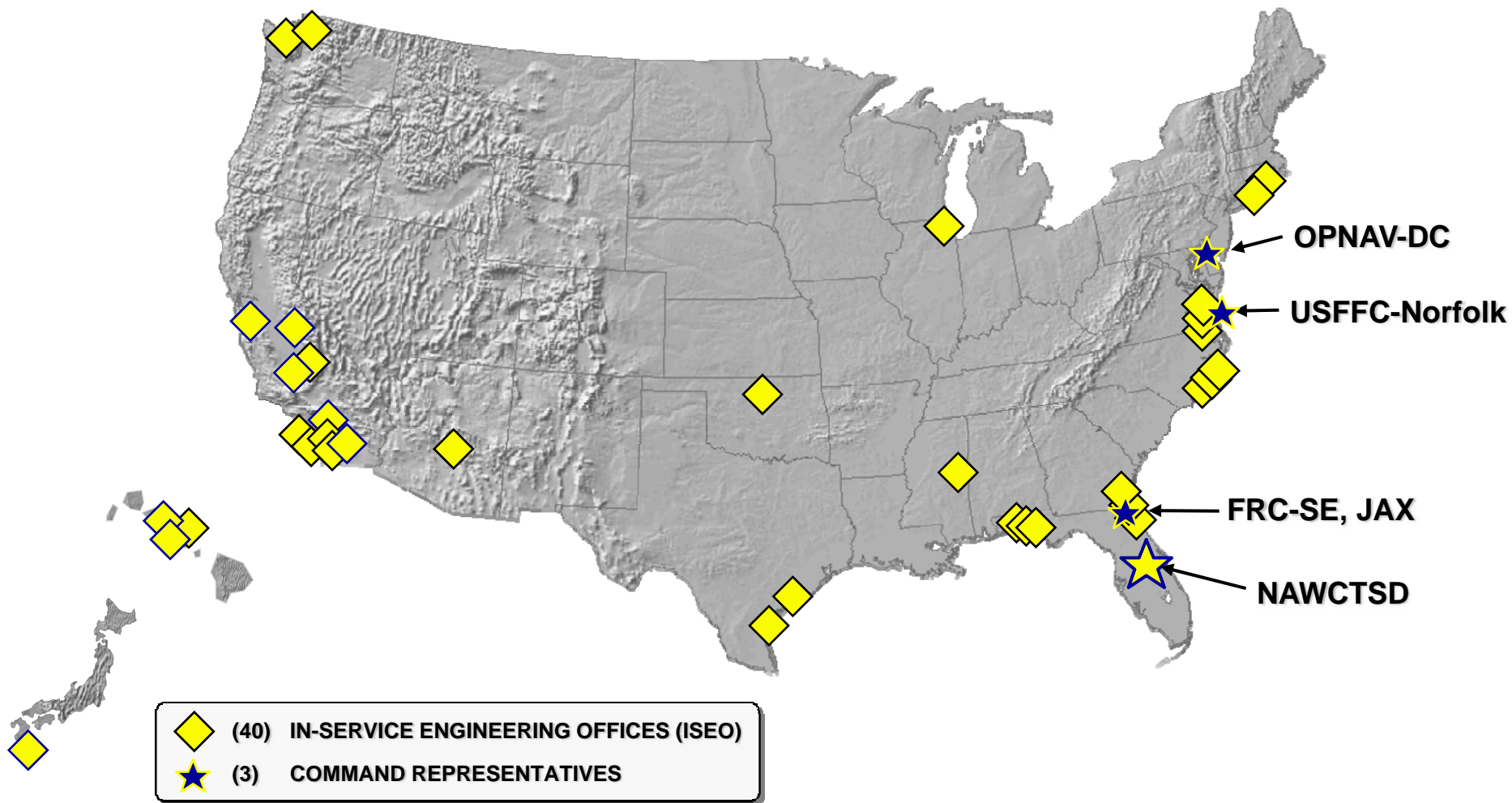
Research
Commons

— — — NSA Orlando Secured Boundary DoD

— — — Property Un-Secured



NAWCTSD LOCATIONS



Overview of Existing Significant Omnibus Contracts



Holistic approach with command “Product Line” serving as the focal point

Overarching Objectives

- Partner with the most capable and proven industry performers
- Support small business and socio-economic interests and appropriately balance these interests with C/S/P risk
- Enable rapid response capability to fulfill warfighter needs
- Offer Program Managers an appealing alternative for their toolkit

MAC Contracts



TRAINING SYSTEMS

- New/Modified Training Systems
 - Engineering / Damage Control Trainers
 - Weapon Systems Trainers
 - Aircrew Trainers
 - Maintenance Trainers
 - Operational Flight Trainers
 - Shiphandling Trainers
 - Tactics Trainers



AV-8B



TaCOVE



TRAINING SERVICES

- COTS Courseware Acquisition
- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services

PRODUCT LINE



NSS CBT



TRAINING CONTENT

- Courseware Development
- Curriculum
 - New Development
 - Updates

INTELLECTUAL SERVICES

- Research & Development
 - Studies
 - Prototypes
 - SBIR
 - Protection of Human Subjects
- Analysis
 - Front End Analysis
 - Requirements Analysis
 - Media Selection
- Work Year Support



TSC III



PRODUCT LINE

TRAINING SYSTEMS

- New/Modified Training Systems
 - Engineering / Damage Control Trainers
 - Weapon Systems Trainers
 - Aircrew Trainers
 - Maintenance Trainers
 - Operational Flight Trainers
 - Shiphandling Trainers
 - Tactics Trainers



AV-8B



NASS CBT

TRAINING CONTENT

- Courseware Development
- Curriculum
 - New Development
 - Updates



• Training Systems Contract (TSC) III MAC

- Primary Scope: Training Systems and modifications including *complimentary* ISD products
- Ordering period: 7 years (base of 5 years and two 1-yr options)
- Ceiling amount: ~\$2B
- DRFP issuance anticipated: July 2010
- RFP issuance anticipated: October 2010
- Awards anticipated: September 2011

- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services

- Work Year Support





FTSS III



TRAINING SYSTEMS

- New/Modified Training Systems
 - Engineering / Damage Control Trainers
 - Weapon Systems Trainers

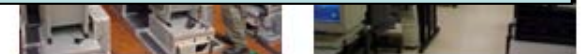
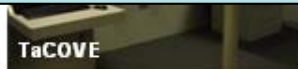
PRODUCT LINE

TRAINING CONTENT

- Courseware Development
- Curriculum
 - New Development

Fielded Training Systems Support (FTSS) III MAC

- Primary Scope: Contractor Operation & Maintenance Services and Contractor Instructional Services
- Ordering period: 8 years (base of 5 years and three 1-yr options)
- Ceiling amounts: \$900M (Unrestricted MAC) and \$80M (SBSA MAC)
- Awards anticipated: Unrestricted MAC – October 2010; SBSA MAC – July 2010



TRAINING SERVICES

- COTS Courseware Acquisition
- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services



INTELLECTUAL SERVICES

- Research & Development
 - Studies
 - Prototypes
 - SBIR
 - Protection of Human Subjects
- Analysis
 - Front End Analysis
 - Requirements Analysis
 - Media Selection
- Work Year Support



ISD



TRAINING SYSTEMS

- New/Modified Training Systems
 - Engineering / Damage Control Trainers

• Instructional Systems Design (ISD) MAC

- Scope: “Independent” ISD products and services
- Ordering period: TBD
- Ceiling amount: TBD
- Sources sought issued: January 2010
- DRFP issuance anticipated: August 2010
- RFP issuance anticipated: October 2010
- Awards anticipated: August 2011

PRODUCT LINE

TRAINING CONTENT

- Courseware Development
- Curriculum
 - New Development
 - Updates



TRAINING SERVICES

- COTS Courseware Acquisition
- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services

Individual Sustainment

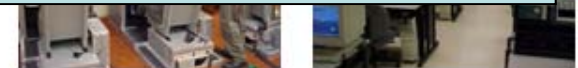
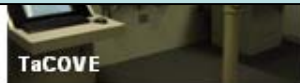


INTELLECTUAL SERVICES

- Research & Development
 - Studies
 - Prototypes
 - SBIR
 - Protection of Human Subjects
- Analysis
 - Front End Analysis
 - Requirements Analysis
 - Media Selection
- Work Year Support

• Research & Development Single Award ID/IQ Contract

- Scope: Broad range of research & development and computer services to facilitate the customization and application of **Human Performance Modeling and Assessment (HPM&A)** to satisfy Navy mission Human Systems Integration (HSI) measurement and evaluation requirements.
- Ordering period: 5 Years
- Ceiling amount: ~\$7M
- RFP issued: May 2010
- Proposals Due: 26 June 2010
- Award anticipated: October 2010



TRAINING SERVICES

- COTS Courseware Acquisition
- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services



INTELLECTUAL SERVICES

- Research & Development
 - Studies
 - Prototypes
 - SBIR
 - Protection of Human Subjects
- Analysis
 - Front End Analysis
 - Requirements Analysis
 - Media Selection
- Work Year Support

Seaport-e



TRAINING SYSTEMS

- New/Modified Training Systems
 - Engineering / Damage Control Trainers

PRODUCT LINE

TRAINING CONTENT

- Courseware Development
- Curriculum

• Seaport-e Task Order for NAWCTSD Workforce Augmentation

- Scope: Contractor support services to NAWCTSD cross-functional competencies
- Length of task order: 5 years
- Value of task order: ~\$100M
- RFP issuance anticipated: September 2010
- Award anticipated: March 2011



TRAINING SERVICES

- COTS Courseware Acquisition
- Operation & Maintenance Services
- Instructor Services
- Full Spectrum Services

INTELLECTUAL SERVICES

- Research & Development
 - Studies
 - Prototypes
 - SBIR
 - Protection of Human Subjects
- Analysis
 - Front End Analysis
 - Requirements Analysis
 - Media Selection
- Work Year Support



Seaport-e Information



- NAVSEA MAC available for use by all Navy SYSCOMs for the competitive acquisition of service requirements in 22 functional areas
- Currently in excess of 1,800 contract holders
- Mandatory use for the acquisition of engineering, financial, and program management contractor support services
- SeaPort-e: <http://www.seaport.navy.mil/default.aspx>
- FY10 “Rolling Admissions” solicitation opened on 5 April and closed on 5 May

Disclaimer



The information about to be presented affords industry partners insight into on-going and pending acquisitions

Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews

The PCO is your source for the most current information

AV-8B Maintenance Trainers



Description/Summary of Program Requirements

Host computer refresh on 8 legacy maintenance training devices:

- Powerplant
- Fuel
- Avionics
- Armament
- Electrical
- Flight Controls
- Egress
- Landing Gear

Acquisition Strategy <ul style="list-style-type: none">• TSC (III)	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <div>1st Qtr FY 12<div>▲ RFP Release</div></div> <div>3rd Qtr FY 12<div>▲ Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Approximately \$5M	Current Contract/Original Developer/OEM (if recompetes) <ul style="list-style-type: none">• New Requirement



AV-8B WST Tech Refresh



Description/Summary of Program Requirements

Obsolescence upgrades:

- Device 2F150C (WST – Cherry Point, NC)
 - Visual system / projector upgrade
 - Device supportability
- Device 2F150D (WST – Yuma, AZ)
 - Visual system / projector upgrade
 - Instructor Operator Station
 - Device supportability

Acquisition Strategy <ul style="list-style-type: none">• TSC (III)	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <div><div>4th Qtr, FY13  RFP Release</div><div>FY-14  Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Approximately \$9M	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• New Requirement• Last upgrade completed by Indra Systems, Inc.





AV-8B Tech Refresh



Description/Summary of Program Requirements

Device Technology/Obsolescence upgrades:

- 2F150A (WST – Cherry Point, NC)
- 2F150E (WST – Cherry Point, NC)
- 2F150B (WST – Yuma, AZ)

Acquisition Strategy <ul style="list-style-type: none">• TSC (III)	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <div>4th Qtr FY-13<div> RFP Release</div></div> <div>2nd Qtr FY15<div> Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Approximately \$11M	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• New Requirement• Last upgrade complete by Indra Systems, Inc.





P-3C Tactical Block Mod



Description/Summary of Program Requirements

Concurrency Mods of 2F179A Tactical Operational Readiness Trainer (TORT)

- C4 for ASW
- INMARSAT Comms
- Link 16 MIDS
- Incorporate TMS ASQ-222 5.3 and AOP 4.0
- Acoustic Processor Technology Refresh (APTR)
- Software-Defined Sonobuoy Receiver (SDSR)
- Processing of SSQ-101A/B and SSQ-125 sonobuoys
- Refresh acoustic simulation hardware to increase number of targets and acoustic transmission paths

Acquisition Strategy <ul style="list-style-type: none">• TSC-II ID/IQC• Full and Open Competition• Single Award	Period of Performance <ul style="list-style-type: none">• 1st article – 18 - 20 months• 2nd – 5th article – 8 - 10 months	Milestones <div>1st Qtr FY 102nd Qtr FY 10</div> <div></div> <div>RFP ReleaseContract Award</div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Estimated to be \$15M - \$20M	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• N/A• N/A



HC-144A OFT



Description/Summary of Program Requirements

- Procurement of 1 HC-144A Operation Flight Trainer (OFT)
- Level “D” equivalent or better full flight simulator for Coast Guard Aviation Training Center - Mobile Alabama
 - 290 X 60 visual display
 - Full motion
 - Replication of C4
 - Initial provisioning spares
 - Operator/Maintainer training

SASS

Acquisition Strategy <ul style="list-style-type: none">• TSC II• full and open• single award FFP	Period of Performance <ul style="list-style-type: none">• 30 months RFT after contract award	Milestones <div>3rd Qtr FY 10<div>▲ RFP Release</div></div> <div>1st Qtr FY11<div>▲ Contract Award</div></div>
Point of Contact <p>Name: Steve Coln Organization: NAWC TSD Phone: 407.380.8159 Email: stephen.coln@navy.mil</p>	Funding <ul style="list-style-type: none">• Range from \$22M to \$26M including all options	Current Contract/Original Developer/OEM (if recomplete) <ul style="list-style-type: none">• NA



CH-53D Flight Training Device





Description/Summary of Program Requirements

Procure 1 High Fidelity CH-53D Containerized Flight Training Device (CFTD). The trainer will be located at MCAS Kaneohe, HI

- Self contained
- Fully transportable
- 220 X 60 visual display **
- Non-motion
- Positioned on a concrete pad
- Connections to a power island
- CH-53D WST (Device 2F121) operational program
- USMC Tactical Environment (TEn) version 4.0 interoperability
- Optional ECPs for DIRCM and BFT

** 70° vertical field of view required around pilot and co-pilot lower windows

Acquisition Strategy <ul style="list-style-type: none">• Small Business Set Aside	Period of Performance <ul style="list-style-type: none">• 24-36 month POP	Milestones <div>3rd Qtr FY 10<div>RFP Release</div></div> <div>2nd Qtr FY 11<div>Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone:407-380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• TBD	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• New Procurement



CNATRA (T-45C Meridian / Kingsville Obsolescence)



Description/Summary of Program Requirements



T-45C Technology refresh:

- 6 - 2F138C OFTs (Meridian, MS)
- 2 - 2F138D OFT's (Kingsville, TX)
- 2 - 2F137C IFTs (Meridian, MS)

Address obsolescence:

- Computer rehost
- Visual system upgrade
- Student Station / IOS
- Dome – refurb / replace
- Motion control loading

Provide hardware / software commonality between Kingsville and Meridian to minimize life-cycle cost. Develop and provide documentation.

Acquisition Strategy <ul style="list-style-type: none">• Anticipate full and open under planned ID/IQ contract (TSCIII)	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <p>2nd Qtr FY 11 Define /verify requirements, Training Situational Analysis (TSA)</p> <div> RFP Release TBD</div> <div> Contract Award</div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone:407-380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• 35m desired	Current Contract/Original Developer/OEM (if recompete) <ul style="list-style-type: none">• TSCII / Symvionics

Marine Common Aircrew Trainer (MCAT)



Description/Summary of Program Requirements

Procurement of USMC Enlisted Aircrew (EAC) Training Products including the Marine Corps Common Aircrew Trainer

- UH-1Y
- KC-130
- MV-22
- CH-53

Acquisition Strategy <ul style="list-style-type: none">• Full and Open	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <div>3rd Qtr FY 11<div>RFP Release</div></div> <div>2nd Qtr FY 12<div>Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• \$18M – \$36M• approximation, actual budget not yet determined (unfunded)	Current Contract/Original Developer/OEM (if recompetes) <ul style="list-style-type: none">• New Requirement

Tower Simulator Device



Description/Summary of Program Requirements

- New procurement of Air Traffic Control Tower (ATCT) simulators for fleet-wide use
- Simulators and Courseware required to support initial training and proficiency of personnel on ATCT positions



Acquisition Strategy <ul style="list-style-type: none">• Full and open• Single award• Multiple options	Period of Performance <ul style="list-style-type: none">• Base period plus any planned options	Milestones <div>3rd Qtr FY 11<div>▲ RFP Release</div></div> <div>1st Qtr FY 12<div>▲ Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD Phone: 407 380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Approximately \$ 20 million	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• New Requirement

Instructional Systems Development (ISD)



Description/Summary of Program Requirements

Procurement of curriculum update, revision and enhancement management, administration and support of Naval Aviation Fleet Replacement Squadrons (FRS) of existing F/A-18C/D/E/F and Strike Fighter Weapons Schools (SFWS), Pacific and Atlantic training curriculum and presentation media at four (4) sites: VFA-125 and VFA-122, NAS Lemoore, CA, VMFAT-101, MCAS Miramar, CA and VFA-106, NAS Oceana, VA. Additionally, provide support for the Strike Fighter Advanced Readiness Program (SFARP) at NAS Fallon, NV, NAS Key West, FL and other deployed sites. This support provides on-site data collection and off-site analysis and reporting of the tactics and weapons deliveries conducted by the various Carrier Air Wing (CVW) F/A-18 squadrons during the flight syllabus portion of SFARP. This effort will require interface with the FRS and SFWS Program Management Office, NAVAIR, NAWCTSD Program Integrated Product Teams (IPTs), CNAF sponsors, and participation in F/A-18C/D/E/F NATOPS conferences and other technical meetings to support currency management of the training system.

Acquisition Strategy <ul style="list-style-type: none">• ISD MAC	Period of Performance <ul style="list-style-type: none">• Base period plus 4 one year options	Milestones <div>3rd Qtr FY 11<div> RFP Release</div></div> <div>2nd Qtr FY 12<div> Contract Award</div></div>
Point of Contact <p>Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	Funding <ul style="list-style-type: none">• Total Estimated Funding \$17M	Current Contract/Original Developer/OEM (if recompute) <ul style="list-style-type: none">• Incumbent - L3 COMM / D.P. Associates

Business Opportunities Website



- Accessed at:
“<http://nawctsd.navair.navy.mil/EBusiness/BusOps/Index.cfm>” - “Open Acquisitions” link
- Used for acquisitions >\$10K
- Does not serve as a substitute for Government Point of Entry posting requirements for acquisitions >\$25K (i.e. “www.fedbizopps.gov”)
- Includes acquisitions conducted under NAWCTSD’s Multiple Award Contracts



BACKUP SLIDES



Contracting Authority/Purpose/ Objectivity



- Authority
 - AIR-00 → AIR-2.0 → AIR-2.5 → AIR-2.5.3
 - Unlimited obligation authority
- Purpose
 - Pursuit of fulfillment of NAWCTSD mission
 - Provide independent contracting advice
 - Seamless AIR-2.0 competency support
- Objectivity
 - Directly aligned and subordinate to AIR-2.5/AIR-2.0
 - Policy support provided by AIR-2.1
 - Procuring Activity Competition Advocate function

Overview of Existing Significant Omnibus Contracts



- **Training Systems Contract (TSC) II MAC**

- Primary Scope: Lot I: Training systems and modifications
Lot II: Instructional System Design (ISD) products and services (including courseware R&M)
- Awarded August 2003 to nineteen prime contractors
- Ordering period extends through August 2011
- Ceiling amount of \$3B
- PCO: Derrick Jones

- **Fielded Training Systems Support (FTSS) II MAC**

- Primary Scope: Contractor Operation and Maintenance Services
Contractor Instructional Services
In-Service Engineering Office Support Services
- Awarded March 2005 to eleven prime contractors
- Ordering period extends through April 2010
- Ceiling amount of \$800M

Overview of Existing Significant Omnibus Contracts *(continued)*



- **Seaport-e Task Order**

- Primary Scope: Contractor Support Services to NAWCTSD
 - Program management, engineering, and logistics competencies
- Awarded March 2006 to Kaegan Corporation
- Services extend through March 2011
- Estimated ceiling amount of \$110M

FTSS II Prime Contractors



- Boeing Aerospace Operations, Inc.
- CAE USA, Inc.
- Computer Sciences Corporation
- Cubic Worldwide Technical Services, Inc.
- Engineering Support Services, Inc. (SDB)
- Fidelity Technology Corp.
- Flight Safety Services Corp.
- L3 Communications - LINK Simulation and Training
- LB&B Associates, Inc.
- Lockheed Martin Information & Technology Services
- Proactive Technologies, L.L.C. (SDB)

TSC II Lot I Prime Contractors



- Aero Simulation, Inc. (SB)
- Boeing Company
- CAE USA, Inc.
- DEI Services Corp. (SDB)
- L3 Communications Government Services, Inc.
- Indra Systems
- J.F. Taylor, Inc. (SB)
- L3 Communications LINK Simulation and Training
- Lockheed Martin Information Systems
- Rockwell Collins Simulation and Training Solutions
- Northrop Grumman Information Technology
- Science Applications international Corp.
- Symvionics (SB)

TSC II Lot II Prime Contractors



- EDO Professional Services
- Boeing Company
- American Systems Corp.
- General Dynamics Information Technology
- Carley Corp. (WOSB)
- Delex Corp. (SB)
- Don Patterson Associates
- Lockheed Martin Information Systems